

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/GB2004/004397

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C07C29/149 C07C29/17 C07C31/20 C07D315/00 C07D307/08
 B01J31/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07C C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 478 952 A (SCHWARTZ JO-ANN T) 26 December 1995 (1995-12-26) column 5, line 24 - line 56 example 16	1
A	US 5 047 561 A (ISOGAI SHINJI ET AL) 10 September 1991 (1991-09-10) cited in the application column 1, line 33 - line 47 column 5, line 39 - column 6, line 5 example 1	1
A	US 4 301 077 A (PESA FREDERICK A ET AL) 17 November 1981 (1981-11-17) cited in the application column 2, line 59 - column 3, line 41 examples	1

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

Date of mailing of the International search report

11 January 2005

19/01/2005

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In	Application No
PCT/GB2004/004397	

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5478952	A	26-12-1995	AU CN DE DE EP ES JP WO	4468196 A 1177310 A ,B 69516181 D1 69516181 T2 0814905 A1 2145325 T3 11500958 T 9627436 A1		23-09-1996 25-03-1998 11-05-2000 21-12-2000 07-01-1998 01-07-2000 26-01-1999 12-09-1996
US 5047561	A	10-09-1991	JP JP	2082842 C 4091085 A 7121929 B 2092020 C 3112972 A 7121926 B 2092022 C 3141273 A 7121928 B 9004837 A 69017570 D1 69017570 T2 0420062 A2 145318 B1 2516836 B2 3204870 A		23-08-1996 24-03-1992 25-12-1995 18-09-1996 14-05-1991 25-12-1995 18-09-1996 17-06-1991 25-12-1995 10-09-1991 13-04-1995 19-10-1995 03-04-1991 15-07-1998 24-07-1996 06-09-1991
US 4301077	A	17-11-1981	CA DE EP JP JP KR	1157031 A1 3166724 D1 0055512 A1 4059303 B 57109736 A 8800544 B1		15-11-1983 22-11-1984 07-07-1982 21-09-1992 08-07-1982 13-04-1988